

Claims

What is claimed is:

5 1. A pesticidal emulsifiable concentrate comprising
 (a) 1 to 60% by weight of at least one pesticidal active
 ingredient compound selected from the group consisting of
 pyriproxyfen and a pyrethroid compound, (b) 2 to 15% by weight
 of at least one surfactant and (c) 15 to 90% by weight of at
10 least one aromatic ester solvent represented by the formula:

Ar-X-COOR

[1]

or the formula:

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RCOO-X-Ar

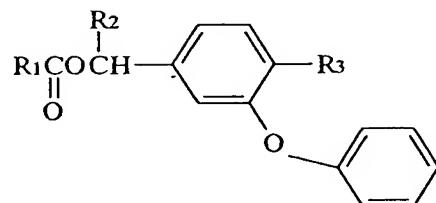
[2]

[wherein R represents non-aromatic group having 1 to 6 carbon
atoms; Ar represents an aromatic group; and X represents a
20 single bond or an alkylene group having 1 to 6 carbon atoms].

2. The pesticidal emulsifiable concentrate according
to claim 1, wherein the pesticidal active ingredient compound
(a) is pyriproxyfen.

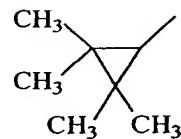
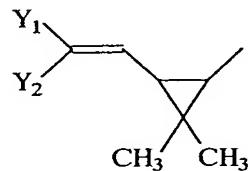
3. The pesticidal emulsifiable concentrate according
25 to claim 1, wherein the pesticidal active ingredient compound
(a) is a pyrethroid compound.

4. The pesticidal emulsifiable concentrate according to the claim 1, wherein the pesticidal active ingredient compound (a) is a compound represented by the formula:



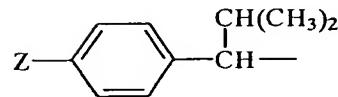
[3]

[wherein R₁ represents a group of the formula:



10

or



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[Y₁ and Y₂ are same or different and each represents a methyl group, a trifluoromethyl group, a halogen atom or an

alkoxycarbonyl group (the number of carbon atoms of the alkoxy group is from 1 to 4); and Z represents a halogen atom or a difluoromethoxy group]; R₁ represents a hydrogen atom or a cyano group; and R₃ represents a hydrogen atom or a fluorine atom].

5 5. The pesticidal emulsifiable concentrate according to the claim 1, 2, 3 or 4, wherein the aromatic ester solvent (c) is at least one selected from benzyl acetate, phenyl acetate, p-tolyl acetate, 4-phenylbutyl acetate, methyl benzoate, ethyl benzoate, propyl benzoate, butyl benzoate, isoamyl benzoate, ethyl 2-methylbenzoate, methyl 2-methylbenzoate, ethyl 3-methylbenzoate, ethyl 4-methylbenzoate, ethyl phenylpropionate and ethyl phenylacetate.

10 6. The pesticidal emulsifiable concentrate according to claim 1, 2, 3, 4 or 5, wherein the surfactant (b) is nonionic surfactant and/or anionic surfactant.

15 7. The pesticidal emulsifiable concentrate according to claim 1, 2, 3, 4, 5 or 6, wherein the amounts of the pesticidal active ingredient compound (a), the surfactant (b) and the aromatic ester solvent (c) are 2 to 40% by weight, 2 to 10% by weight and 20 to 60% by weight, respectively.